WEST Search History

DATE: Monday, November 10, 2003

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L17	L16 and zip$	2	L17
L16	L15 and l10	33	L16
L15	L14	100	L15
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L14	L13 and instantia$	100	L14
L13	L12 and search$	201	L13
L12	L11 and (stream$ or bytecode or byte code or byte?code or Java?code or Javacode or Java code)	400	L12
L11	class loader or class?loader or classloader	528	L11
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L10	L9 or l8 or l7 or l6 or l5 or l4 or l3 or l2 or l1	8880	L10
L9	((713/2)!.CCLS.)	873	L9
L8	((707/2 |707/3 |707/4 |707/5 |707/6)!.CCLS.)	5792	L8
L7	((717/107 |717/108 |717/147 |717/148 |717/162 |717/163 |717/164 |717/165 |717/166 |717/167 |717/168)!.CCLS.)	1062	L7
L6	((709/331)!.CCLS.) or 709/332.ccls or l5	1330	L6
L5	L4 or l3 or l2 or l1	1147	L5
L4	709/314.CCLS. or ((709/315)!.CCLS.)	717	L4
L3	(((709/313)!.CCLS.))	315	L3
L2	(((709/312)!.CCLS.))	99	L2
L1	((709/311)!.CCLS.)	74	L1

END OF SEARCH HISTORY

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20030018962 A1

L17: Entry 1 of 2   File: PGPB   Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030018962
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030018962 A1

TITLE: System and method for accessing streaming data

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
White, Calvin	Calgary		CA	
Michaud, Bertrand	Kanata		CA	

US-CL-CURRENT: 717/166

ABSTRACT:

A system, comprising a stream source class loader retrieving streaming data to create a desired class object, an interface coupled to the stream source class loader and a plurality of streaming sources containing information including the location of data, wherein requests for data are communicated from the stream source class loader to the streaming sources via the interface and, data passes from the stream sources to the stream source class loader via the interface, the streaming sources searching the data locations for the requested data.

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image |

☐ 2. Document ID: US 6542887 B1

L17: Entry 2 of 2   File: USPT   Apr 1, 2003

US-PAT-NO: 6542887
DOCUMENT-IDENTIFIER: US 6542887 B1

TITLE: Incorporating native code in Java archive files

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Abbott; Paul Harry	Hampshire			GB

US-CL-CURRENT: 707/2; 707/101, 707/102, 707/3

ABSTRACT:

A Java Virtual Machine comprises a class loader and a library file loader. The class

- loader responds to requests to instantiate a class by searching a classpath in which class files and archived files are stored; and responsive to locating a requested class file in the classpath or within an archived file in the classpath, loads the class into memory. The library file loader responds to requests to load a native code library, by searching a library path in which library files are stored; and responsive to locating a requested library file in the library path, loads the library into memory. According to the invention, the library file loader also searches the classpath; and responsive to locating a requested library file in an archived file in the classpath, loads the library into memory.

6 Claims, 1 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

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Terms	Documents
L16 and zip$	2

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20030105888 A1

L22: Entry 1 of 4   File: PGPB   Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105888
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030105888 A1

TITLE: Method and apparatus for expedited file downloads in an applet environment

PUBLICATION-DATE: June 5, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
CONNELLY, DAVID	SAN FRANCISCO	CA	US	
LI, ZHENGHUA	SAN JOSE	CA	US	

US-CL-CURRENT: 709/331

ABSTRACT:

Methods and apparatus for executing an applet are disclosed. A virtual machine that includes a class loader generates a file download request in the form of an http request to a particular server computer that contains appropriate applet component files. The class loader queries a root JAR file having an index file associated with applet. The class loader creates a HASH table based upon the contents of the index file that provides a mapping of all packages and all corresponding JAR files required to execute the applet by the virtual machine. During virtual machine runtime the class loader queries the HASH table in order to directly access the appropriate applet component file to be downloaded and executed by the virtual machine.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 6530080 B2

L22: Entry 2 of 4   File: USPT   Mar 4, 2003

US-PAT-NO: 6530080
DOCUMENT-IDENTIFIER: US 6530080 B2

TITLE: Method and apparatus for pre-processing and packaging class files

DATE-ISSUED: March 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fresko; Nedim	San Francisco	CA		
Tuck; Richard	San Francisco	CA		

US-CL-CURRENT: 717/166; 717/143

ABSTRACT:

A method and apparatus for pre-processing and packaging class files. Embodiments remove duplicate information elements from a set of class files to reduce the size of individual class files and to prevent redundant resolution of the information elements. Memory allocation requirements are determined in advance for the set of classes as a whole to reduce the complexity of memory allocation when the set of classes are loaded. The class files are stored in a single package for efficient storage, transfer and processing as a unit. In an embodiment, a pre-processor examines each class file in a set of class files to locate duplicate information in the form of redundant constants contained in a constant pool. The duplicate constant is placed in a separate shared table, and all occurrences of the constant are removed from the respective constant pools of the individual class files. During pre-processing, memory allocation requirements are determined for each class file, and used to determine a total allocation requirement for the set of class files. The shared table, the memory allocation requirements and the reduced class files are packaged as a unit in a multi-class file.

45 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Image

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☐ 3. Document ID: US 6470494 B1

L22: Entry 3 of 4   File: USPT   Oct 22, 2002

US-PAT-NO: 6470494
DOCUMENT-IDENTIFIER: US 6470494 B1

TITLE: Class loader

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chan; Victor S.	Thornhill			CA
Chiang; Shirley S.	North York			CA
Stokes; David K.	Toronto			CA
Theivendra; Leonard W.	Scarborough			CA

US-CL-CURRENT: 717/166; 717/139

ABSTRACT:

This invention relates to the loading of classes in programming environments, and in particular, Java programming environments. This invention discloses a system and method that permits dynamic loading of classes during the execution of Java programs. This invention allows for classes to be loaded despite the fact that such classes may not reside in the current path or working directory within a Java programming environment. This invention also discloses a system and method for archiving files in an archive file that provides customized entry names for the archived files.

16 Claims, 3 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC	Draw Desc	Image

US-PAT-NO: 6237135
DOCUMENT-IDENTIFIER: US 6237135 B1

TITLE: Development system with visual design tools for creating and maintaining Java Beans components

DATE-ISSUED: May 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Timbol; Michael	Scotts Valley	CA		

US-CL-CURRENT: 717/107; 717/118

ABSTRACT:

A component-based, rapid application development (RAD) Java system providing visual designers (i.e., wizards) and methodology allowing a developer (user) to create Java Beans-compatible components rapidly and easily is described. In typical operation of the system, the user may generate a "bean" component by invoking a wizard-based interface that implements methodology for automatically generating and managing the bean. The user employs the wizard to specify information about the bean, such as the name of the bean, the package it will be in, and the class it extends from. In response to the user input, the system creates a bean with the name the user specified, places it in the user's current project, and displays the source code generated for the bean. The user may visually interact with the bean (or other existing bean) by using the visual designers to manage the bean's properties, including: adding properties to the bean, adding bound and constrained properties, modifying properties of the bean, removing properties from the bean, or even generate a custom property editor. In a similar manner, the user may proceed to use the visual designers to manage the bean's events, including: adding events, listening for events, and creating custom event sets.

38 Claims, 15 Drawing figures
Exemplary Claim Number: 29
Number of Drawing Sheets: 13

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | | KWIC | Draw Desc | Image |

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Terms	Documents
L21 and (zip$ or jar$)	4

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